

8. Install by reversing these removal steps while noting the following:

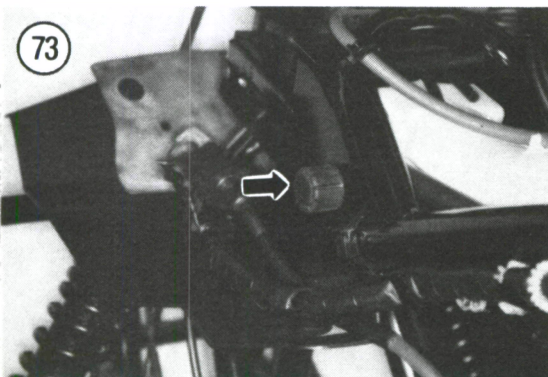
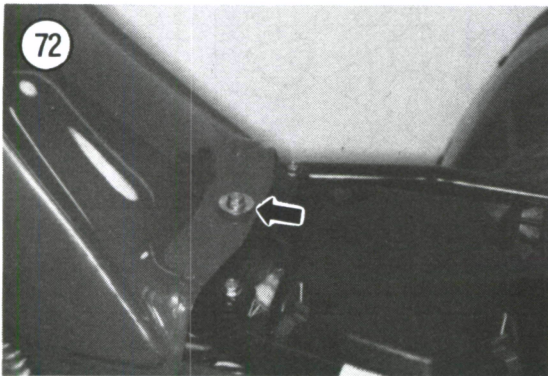
- a. Install a new gasket between the shutoff valve and the fuel tank. Tighten the screws securely.
- b. Check for fuel leakage after installation is completed.

FUEL TANK

Removal/Installation

Refer to **Figure 70** for this procedure.

1. Place the vehicle on level ground and set the parking brake or block the wheel so the vehicle will not roll in either direction.
2. Remove the seat.
3. Remove the right-hand side cover.
4. Remove the bolts (A, **Figure 67**) and remove the battery box cover (B, **Figure 67**).
5. Disconnect the battery negative lead (**Figure 68**).
6. Turn the fuel shutoff valve to the OFF position.



7. Disconnect the fuel line (**Figure 71**) from the fuel tank to the carburetor. Plug the end with a golf tee to prevent fuel from dribbling onto the frame.

8. Remove the bolt (**Figure 72**) securing the fuel tank at the rear. Don't lose the washer or the metal plate and rubber cushion between the bolt and the fuel tank.

9. Pull the fuel tank to the rear and remove it.

10. Inspect the rubber cushion (**Figure 73**) on each side of the frame where the fuel tank is held in place. Replace as a set if either is damaged or starting to deteriorate.

11. Install by reversing these removal steps, check for fuel leakage after installation is completed.

AIR FILTER AIR BOX

Removal/Installation

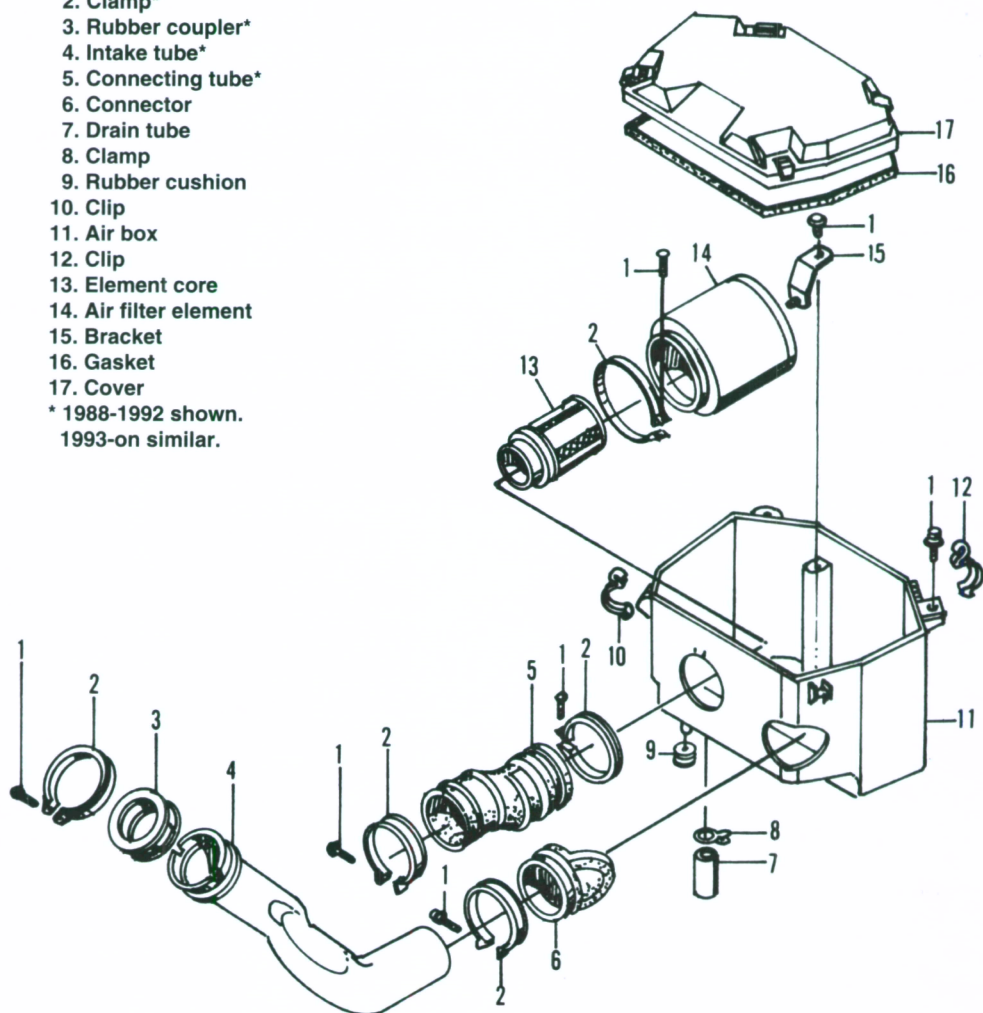
Refer to **Figure 74** for this procedure.

1. Place the vehicle on level ground and set the parking brake or block the wheels so the vehicle will not roll in either direction.
2. Remove the seat as described in Chapter Thirteen.
3. Remove the fuel tank as described in this chapter.
4. Remove the bolts securing the fuel tank bracket (**Figure 62**) and remove the bracket.
5. Loosen the screw (A, **Figure 63**) on the clamping band securing the carburetor to the insulator on the cylinder head.
6. Loosen the screw (B, **Figure 63**) on the clamping band securing the carburetor to the air filter air box connector. Slide both clamping bands away from the carburetor.
7. Loosen the screw on the clamping band securing the intake duct (**Figure 75**) to the air box.
- 8A. On 1988-1992 models, perform the following:
 - a. Loosen the screw on the clamping band securing the intake duct to the frame outlet.
 - b. Slide the clamping band away from the carburetor, then work the intake duct free from the carburetor.
- 8B. On 1993 models, work the intake duct (**Figure 76**) free from the carburetor.
9. Remove the bolts (A, **Figure 77**) securing the air box to the frame.
10. Disconnect the crankcase breather tube from the air box.

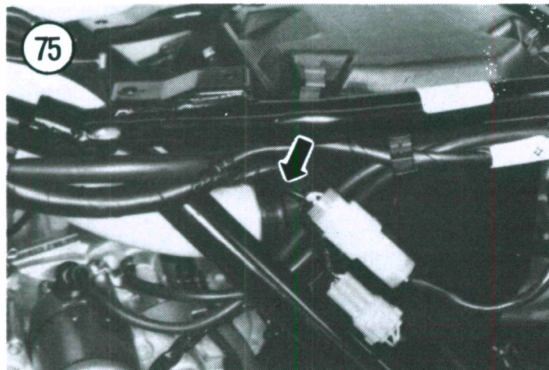
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AIR FILTER CASE

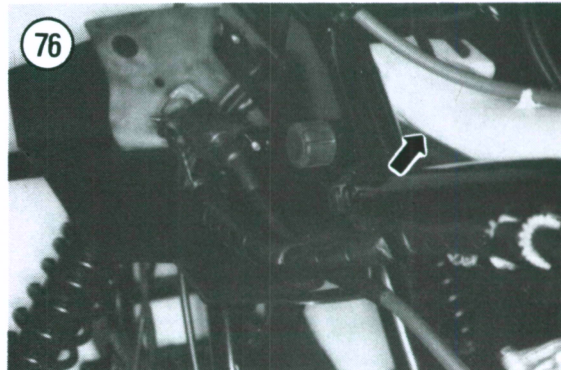
- 1. Screw*
 - 2. Clamp*
 - 3. Rubber coupler*
 - 4. Intake tube*
 - 5. Connecting tube*
 - 6. Connector
 - 7. Drain tube
 - 8. Clamp
 - 9. Rubber cushion
 - 10. Clip
 - 11. Air box
 - 12. Clip
 - 13. Element core
 - 14. Air filter element
 - 15. Bracket
 - 16. Gasket
 - 17. Cover
- * 1988-1992 shown.
1993-on similar.

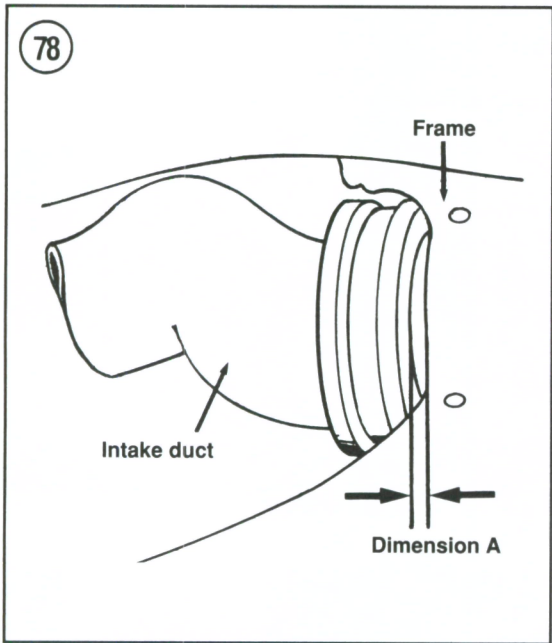
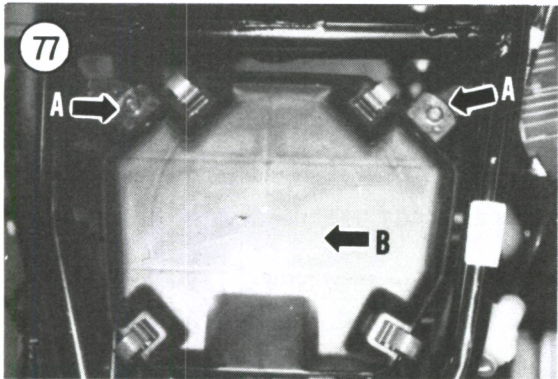


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11. Withdraw the air box (B, **Figure 77**) up and forward and out of the frame.

12. Inspect all rubber components of the air box assembly and replace any that are damaged or starting to deteriorate.

13. Install by reversing these removal steps while noting the following:

- a. Make sure both clamping bands are all seated correctly on the carburetor and that the screws are tight.
- b. On 1988-1992 models, install the intake duct onto the frame duct (**Figure 78**) and position it so that Dimension "A" is 1-3 mm (0.04-0.12 in.).

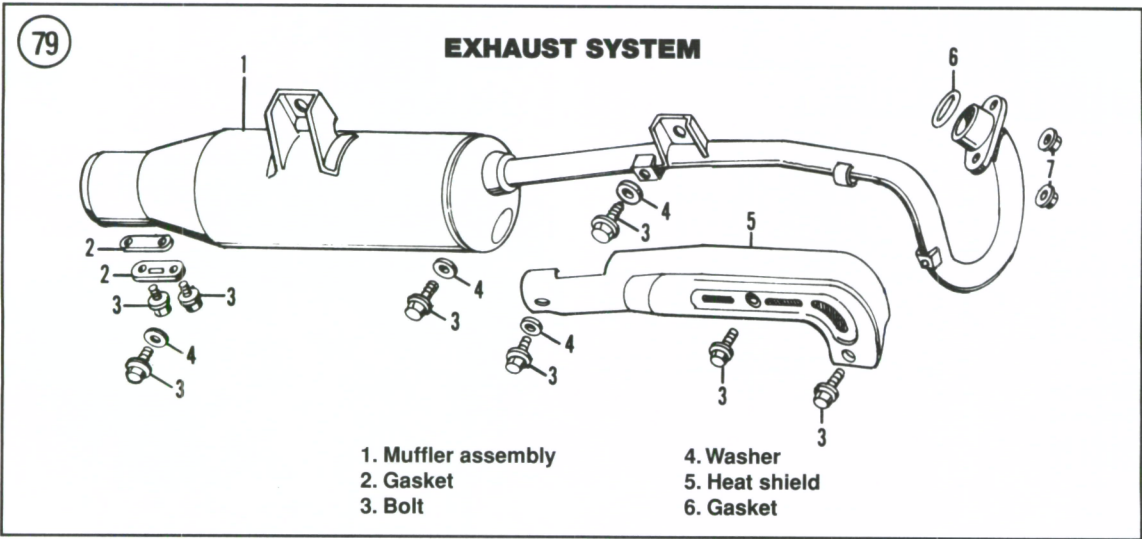
EXHAUST SYSTEM

The exhaust system is a vital performance component and frequently, because of its design, it is a vulnerable piece of equipment.

If the exhaust system is damaged or if the muffler becomes clogged with carbon, the performance of the engine can be greatly affected.

Check the exhaust system for deep dents and fractures and repair them or replace parts immediately. Check the muffler frame mounting flanges for fractures and loose bolts. Check the cylinder head mounting flange for tightness. A loose exhaust pipe connection will cause excessive exhaust noise and rob the engine of power.

The exhaust system is a one-piece unit consisting of a tailpipe and muffler assembly (**Figure 79**).



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